

Activity 1.1

Name _____ Date _____ Hour _____

Unit Word Search

Student Materials

Pencil

Directions

Fill in the blank with the correct term from the word bank. Find each word within the word search.

- _____ 1. The application of agricultural principles and new technologies
- _____ 2. Jobs or careers are divided into career _____.
- _____ 3. Career clusters are further broken down into career _____.
- _____ 4. Agricultural communications include careers that perform _____ relations functions.
- _____ 5. Genetically modified plants are an example of the use of _____.
- _____ 6. A type of agricultural engineering
- _____ 7. Engineering that has used various chemical and biological processes to improve food production
- _____ 8. Few agricultural jobs today are traditional _____ jobs.
- _____ 9. Veterinarians study the health and _____ of animals.
- _____ 10. The study of _____ sociology falls under the Agribusiness and Management pathway.
- _____ 11. The Natural Resources and Environmental Science pathway includes those careers that work to regulate and _____ resources.
- _____ 12. Food production has been increased by tailoring crops to the _____ of various regions.
- _____ 13. You should choose a _____ that matches your interests, skills, and personality.
- _____ 14. The _____ range is one consideration in choosing a career.

- _____ 15. You should design a _____ to reach your goal.
- _____ 16. You should be _____ when deciding upon a career goal.
- _____ 17. Ethanol and biodiesel are examples of _____.
- _____ 18. A _____ degree may take many years to obtain.
- _____ 19. Salary numbers provided are often the _____, or the salary nearest the middle of all salaries for that job.
- _____ 20. In the Agribusiness and Management pathway, an agricultural _____ often has a graduate degree.
- _____ 21. One career in agricultural is being an agricultural _____ representatives.
- _____ 22. A career in the Natural Resources and Environmental Science Pathway is that of a fish and game _____.
- _____ 23. Foods produced without the use of synthetic fertilizers, irradiation or genetic engineering are considered _____.
- _____ 24. Before making a career decision, it is important to _____ it well.
- _____ 25. Technical hands-on skills include operating _____.
- _____ 26. Written communications skills include _____ reports.
- _____ 27. Interpersonal relations skills include _____ in small groups.
- _____ 28. Organizing skills include keeping _____.

Word Bank

agriscience
biofuels
biotechnology
career
climates
clusters
diseases

economist
farming
flexible
genetic
graduate
machines
mechanical

median
organic
pathways
plan
preserve
public
records

research
rural
salary
sales
speaking
warden
writing

Z I J D P N R Q V S T W F W T G T Q S Q N I
S X F W T L C Y N H I H E R S Y R N E L U I
E W U T A J L R T R A S C I L B U P L U N Y
U F I O G H E B T X F S O T W L L Z A H Q N
Y K T L H G O N A L P G N I K A E P S F A F
S F F R C C E B Y G O L O N H C E T O I B C
E L Q R S D R O C E R M M G L I N R D L I I
Y N X Y R A L A S P Z I I U F N G E F U O O
F W L A R U R E E R A C S E T A M I L C F X
D X W Y R E W Y S S I T T C N H R C E T U T
R F X G R A D U A T E H H I I C I M X Q E Q
G H Q E V R E S E R P R C W I E H Z I D L G
K E E M F L K N S E N I H C A M N X B N S Y
T F M I N S E A I V T C X H N Y M C L A G Q
S M I V Y G R I D F S U X A Z K S J E B R U

Activity 1.2

Name _____ Date _____ Hour _____

Issues in Agriculture

Student Materials

Pen or pencil

Paper

Resources on agriculture

Directions

Choose one topic related to current issues in agriculture that interests you. For example, topics might include the use of genetically modified organism (GMOs), hormone and antibiotic use, organic vs. non-organic products, and humane treatment of animals.

Write a report on your chosen topic following the guidelines listed below.

- Length should be 2 to 3 pages
- Include graphics and/or photos
- Explain the debate and/or controversy surrounding the topic
- Include your view of the issue
- Include interviews with farmers or consumers, if possible
- Include a list of the resources used

Activity 1.3

Name _____ Date _____ Hour _____

Discovering Clusters

Student Materials

Pencil



Directions

Clustering means to sort or group objects and things together. The items in each row are alike in some way. Give a cluster name to each cluster below. Make up your own cluster groups to share with the class.

Things in the Cluster					Cluster Name
1.	Arm	Leg	Neck	Foot	
2.	Hammer	Wrench	Pliers	Screwdriver	
3.	Heels	Pumps	Boots	Sandals	
4.	Atlantic	Pacific	Arctic	Indian	
5.	Texas	Oklahoma	Utah	Delaware	
6.	Pear	Banana	Grapes	Apple	
7.	Shark	Tuna	Marlin	Trout	
8.	Rose	Pansy	Tulip	Carnation	
9.	Mittens	Ear Muffs	Hat	Gloves	
10.	Skis	Poles	Snowboard	Boots	
11.	Colored Glass	Grinder	Solder	Copper Foil	
12.	Saturn	Pluto	Mars	Venus	
13.	Pottery	Sculpture	Oil Painting	Knitting	
14.	Columbus	Cortez	Cook	Coronado	
15.	Opal	Amber	Garnet	Topaz	
16.	Trumpet	Trombone	Tuba	French Horn	
17.	Fibula	Femur	Humerus	Tibia	
18.	Trapezoid	Triangle	Square	Circle	
19.					
20.					

Activity 1.4

Name _____ Date _____ Hour _____

Career Clusters Survey



Student Materials

Pencil

Directions

Place a check in the space next to the items that best describe you. You may make as many or as few checks in each box as you choose. Add up the number of checks in each box. Look to see what box has the highest number. Find the corresponding cluster on the pages immediately following this survey to see which cluster you may want to explore further.

Activities that describe what I like to do: ☐ Learn how things grow and stay alive. ☐ Make the best use of the earth's natural resources. ☐ Hunt and/or fish. ☐ Protect the environment. ☐ Be outdoors in all kinds of weather. ☐ Plan, budget, and keep records. ☐ Operate machines and keep them in good repair.	Personal qualities that describe me: ☐ Self-reliant ☐ Nature lover ☐ Physically active ☐ Planner ☐ Creative problem solver	School subjects I like: ☐ Math ☐ Life Sciences ☐ Earth Sciences ☐ Chemistry ☐ Agriculture	Total number checked in box #1
Activities that describe what I like to do: ☐ Read and follow blueprints and/or instructions. ☐ Picture in my mind what a finished product looks like. ☐ Work with my hands. ☐ Perform work that requires precise results. ☐ Solve technical problems. ☐ Visit and learn from beautiful, historic, or interesting buildings. ☐ Follow logical, step-by-step procedures.	Personal qualities that describe me: ☐ Curious ☐ Good at following directions ☐ Pay attention to details ☐ Good at visualizing possibilities ☐ Patient and persistent	School subjects I like: ☐ Math ☐ Drafting ☐ Physical Sciences ☐ Construction Trades ☐ Electrical Trades/Heat, Air Conditioning and Refrigeration/Technology Education	Total number checked in box #2
Activities that describe what I like to do: ☐ Use my imagination to communicate new information to others. ☐ Perform in front of others. ☐ Read and write. ☐ Play a musical instrument. ☐ Perform creative, artistic activities. ☐ Use video and recording technology. ☐ Design brochures and posters.	Personal qualities that describe me: ☐ Creative and imaginative ☐ Good communicator/good vocabulary ☐ Curious about new technology ☐ Relate well to feelings and thoughts of others ☐ Determined/tenacious	School subjects I like: ☐ Art/Graphic design ☐ Music ☐ Speech & Drama ☐ Journalism/Literature ☐ Audiovisual Technologies	Total number checked in box #3

Activities that describe what I like to do: ☐ Perform routine, organized activities but can be flexible. ☐ Work with numbers and detailed information. ☐ Be the leader in a group. ☐ Make business contact with people. ☐ Work with computer programs. ☐ Create reports and communicate ideas. ☐ Plan my work and follow instructions without close supervision.	Personal qualities that describe me: ☐ Organized ☐ Practical and logical ☐ Patient ☐ Tactful ☐ Responsible	School subjects I like: ☐ Computer Applications/ Business and Information Technology ☐ Accounting ☐ Math ☐ English ☐ Economics	Total number checked in box #4
Activities that describe what I like to do: ☐ Communicate with different types of people. ☐ Help others with their homework or to learn new things. ☐ Go to school. ☐ Direct and plan activities for others. ☐ Handle several responsibilities at once. ☐ Acquire new information. ☐ Help people overcome their challenges.	Personal qualities that describe me: ☐ Friendly ☐ Decision maker ☐ Helpful ☐ Innovative/Inquisitive ☐ Good listener	School subjects I like: ☐ Language Arts ☐ Social Studies ☐ Math ☐ Science ☐ Psychology	Total number checked in box #5
Activities that describe what I like to do: ☐ Work with numbers. ☐ Work to meet a deadline. ☐ Make predictions based on existing facts. ☐ Have a framework of rules by which to operate. ☐ Analyze financial information and interpret it to others. ☐ Handle money with accuracy and reliability. ☐ Take pride in the way I dress and look.	Personal qualities that describe me: ☐ Trustworthy ☐ Orderly ☐ Self-confident ☐ Logical ☐ Methodical or efficient	School subjects I like: ☐ Accounting ☐ Math ☐ Economics ☐ Banking/Financial Services ☐ Business Law	Total number checked in box #6
Activities that describe what I like to do: ☐ Be involved in politics. ☐ Negotiate, defend, and debate ideas and topics. ☐ Plan activities and work cooperatively with others. ☐ Work with details. ☐ Perform a variety of duties that may change often. ☐ Analyze information and interpret it to others. ☐ Travel and see things that are new to me.	Personal qualities that describe me: ☐ Good communicator ☐ Competitive ☐ Service minded ☐ Well organized ☐ Problem solver	School subjects I like: ☐ Government ☐ Language Arts ☐ History ☐ Math ☐ Foreign Language	Total number checked in box #7
Activities that describe what I like to do: ☐ Work under pressure. ☐ Help sick people and animals. ☐ Make decisions based on logic and information. ☐ Participate in health and science classes. ☐ Respond quickly and calmly in emergencies. ☐ Work as a member of a team. ☐ Follow guidelines precisely and meet strict standards of accuracy.	Personal qualities that describe me: ☐ Compassionate and caring ☐ Good at following directions ☐ Conscientious and careful ☐ Patient ☐ Good listener	School subjects I like: ☐ Biological Sciences ☐ Chemistry ☐ Math ☐ Occupational Health classes ☐ Language Arts	Total number checked in box #8

Activities that describe what I like to do: ☐ Investigate new places and activities. ☐ Work with all ages and types of people. ☐ Organize activities in which other people enjoy themselves. ☐ Have a flexible schedule. ☐ Help people make up their minds. ☐ Communicate easily, tactfully, and courteously. ☐ Learn about other cultures.	Personal qualities that describe me: ☐ Tactful ☐ Self-motivated ☐ Works well with others ☐ Outgoing ☐ Slow to anger	School subjects I like: ☐ Language Arts/Speech ☐ Foreign Language ☐ Social Sciences ☐ Marketing ☐ Food Services	Total number checked in box #9
Activities that describe what I like to do: ☐ Care about people, their needs, and their problems. ☐ Participate in community services and/or volunteering. ☐ Listen to other people's viewpoints. ☐ Help people be at their best. ☐ Work with people from preschool age to old age. ☐ Think of new ways to do things. ☐ Make friends with different kinds of people.	Personal qualities that describe me: ☐ Good communicator/ good listener ☐ Caring ☐ Non-materialistic ☐ Uses intuition and logic ☐ Non-judgmental	School subjects I like: ☐ Language Arts ☐ Psychology/Sociology ☐ Family & Consumer Sciences ☐ Finance ☐ Foreign Language	Total number checked in box #10
Activities that describe what I like to do: ☐ Work with computers. ☐ Reason clearly and logically to solve complex problems. ☐ Use machines, techniques, and processes. ☐ Read technical materials and diagrams and solve technical problems. ☐ Adapt to change. ☐ Play video games and figure out how they work. ☐ Concentrate for long periods without being distracted.	Personal qualities that describe me: ☐ Logical/analytical thinker ☐ Sees details in the big picture ☐ Persistent ☐ Good concentration skills ☐ Precise and accurate	School subjects I like: ☐ Math ☐ Science ☐ Computer Tech/ Applications ☐ Communications ☐ Graphic Design	Total number checked in box #11
Activities that describe what I like to do: ☐ Work under pressure or in the face of danger. ☐ Make decisions based on my own observations. ☐ Interact with other people. ☐ Be in positions of authority. ☐ Respect rules and regulations. ☐ Debate and win arguments. ☐ Observe and analyze people's behavior.	Personal qualities that describe me: ☐ Adventurous ☐ Dependable ☐ Community-minded ☐ Decisive ☐ Optimistic	School subjects I like: ☐ Language Arts ☐ Psychology/Sociology ☐ Government/History ☐ Law Enforcement ☐ First Aid/First Responder	Total number checked in box #12

Activities that describe what I like to do: ☐ Work with my hands and learn best that way. ☐ Put things together. ☐ Do routine, organized and accurate work. ☐ Perform activities that produce tangible results. ☐ Apply math to work out solutions. ☐ Use hand and power tools and operate equipment/machinery. ☐ Visualize objects in three dimensions from flat drawings.	Personal qualities that describe me: ☐ Practical ☐ Observant ☐ Physically active ☐ Step-by-step thinker ☐ Coordinated	School subjects I like: ☐ Math-Geometry ☐ Chemistry ☐ Trade and Industry courses ☐ Physics ☐ Language Arts	Total number checked in box #13
Activities that describe what I like to do: ☐ Shop and go to the mall. ☐ Be in charge. ☐ Make displays and promote ideas. ☐ Give presentations and enjoy public speaking. ☐ Persuade people to buy products or to participate in activities. ☐ Communicate my ideas to other people. ☐ Take advantage of opportunities to make extra money.	Personal qualities that describe me: ☐ Enthusiastic ☐ Competitive ☐ Creative ☐ Self-motivated ☐ Persuasive	School subjects I like: ☐ Language Arts ☐ Math ☐ Business Education/Marketing ☐ Economics ☐ Computer Applications	Total number checked in box #14
Activities that describe what I like to do: ☐ Interpret formulas. ☐ Find the answers to questions. ☐ Work in a laboratory. ☐ Figure out how things work and investigate new things. ☐ Explore new technology. ☐ Experiment to find the best way to do something. ☐ Pay attention to details and help things be precise.	Personal qualities that describe me: ☐ Detail oriented ☐ Inquisitive ☐ Objective ☐ Methodical ☐ Mechanically inclined	School subjects I like: ☐ Math ☐ Science ☐ Drafting/Computer-aided drafting ☐ Electronics/Computer Networking ☐ Technical classes/Technology Education	Total number checked in box #15
Activities that describe what I like to do: ☐ Travel. ☐ See well and have quick reflexes. ☐ Solve mechanical problems. ☐ Design efficient processes. ☐ Anticipate needs and prepare to meet them. ☐ Drive or ride. ☐ Move things one place to another.	Personal qualities that describe me: ☐ Realistic ☐ Mechanical ☐ Coordinated ☐ Observant ☐ Planner	School subjects I like: ☐ Math ☐ Trade and Industry courses ☐ Physical Sciences ☐ Economics ☐ Foreign Language	Total number checked in box #16

Disclaimer: Your interests may change over time. These survey results are intended to help you with informal career exploration. Consider more formal assessments and other resources or services to help you plan your career. This survey does not make any claims of statistical reliability.



The Sixteen Career Clusters

 1	The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.
 2	Careers in designing, planning, managing, building, and maintaining the built environment.
 3	Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.
 4	Business Management and Administration careers encompass planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Business Management and Administration career opportunities are available in every sector of the economy.
 5	Planning, managing, and providing education and training services, and related learning support services.
 6	Planning, services for financial and investment planning, banking, insurance, and business financial management.
 7	Executing governmental functions to include governance, national security, foreign service, planning, revenue and taxation, regulation, and management and administration at the local, state, and federal levels.
 8	Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.
 9	Hospitality and Tourism encompasses the management, marketing and operations of restaurants and other foodservices, lodging, attractions, and recreation events and travel-related services.

 Human Services 10	Preparing individuals for employment in career pathways that relate to families and human needs.
 Information Technology 11	Building linkages in IT occupations framework for entry-level, technical, and professional careers related to the design, development, support and management of hardware, software, multimedia, and systems integration services.
 Law, Public Safety, Corrections & Security 12	Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.
 Manufacturing 13	Planning, managing, and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance, and manufacturing/process engineering.
 Marketing, Sales & Service 14	Planning, managing, and performing marketing activities to reach organizational objectives.
 Science, Technology, Engineering & Mathematics 15	Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering), including laboratory and testing services, and research and development services.
 Transportation, Distribution & Logistics 16	Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail, and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment, and facility maintenance.

My top three clusters of interest are:

1. _____
2. _____
3. _____

For more information, check with a career counselor at your high school, CareerTech center, higher education institution, or one-stop career centers.



These 16 Career Cluster icons are being used with permission of the:
 States' Career Clusters Initiative, 2007, www.careerclusters.org

Activity 1.5

Name _____ Date _____ Hour _____

Favorite Pathway



Student Materials

Pencil

Directions

Review each of the seven pathways below; rank your top three pathways of interest by assigning a 1 to your favorite, a 2 to your next favorite, and a 3 to your next favorite.

_____ Agribusiness Systems

In this pathway, you can ...	Sample Occupations
Buy and sell agricultural commodities Loan money to individuals and companies Manage a farm or ranch business Manage a feed/farm supply store Market agricultural products Buy and/or sell livestock	Agricultural Commodity Broker Agricultural Loan Officer Farm/Ranch Manager Feed/Farm Supply Store Manager International Agri-Marketing Specialist Livestock Buyer/Seller

_____ Animal Systems

In this pathway, you can ...	Sample Occupations
Clone animals Create balanced diets for specific animals Manage a fish farm Improve animals reproductively Manage poultry operations Treat sick or injured animals	Animal Geneticist Animal Nutritionist Aquaculturalist Embryo Technologist Poultry Manager Veterinarian

_____ Environmental Service Systems

In this pathway, you can ...	Sample Occupations
Identify and dispose of hazardous materials Help prevent harm to the environment Collect samples of air and water Measure and control hazardous substances Dispose of solid waste in a safe way Treat water so it is safe to drink	Hazardous Materials Handler Health and Safety Sanitarian Environmental Sampling Technician Pollution Prevention and Control Manager Solid Waste Disposer/Recycler Water Quality Manager

Food Products and Processing

In this pathway, you can . . .	Sample Occupations
Search for new uses for chemicals	Biochemist
Test food so it won't make people sick	Food and Drug Inspector
Improve the quantity and quality of food	Food Scientist
Cut meat to be sold in grocery stores	Meat Cutter-Grader
Purchase food for grocery stores	Product Buyer
Detect poisons and specify treatments	Toxicologist

Natural Resource Systems

In this pathway, you can . . .	Sample Occupations
Enforce hunting and fishing laws	Fish and Game Warden
Raise fish to be sold for consumption	Fisheries Manager
Develop, maintain, and protect forests	Forest Manager or Technician
Manage and operate public parks	Park Manager
Monitor the quality of water	Water Monitoring Technician
Manage and protect wildlife	Wildlife Manager

Plant Systems

In this pathway, you can . . .	Sample Occupations
Advise farmers on how and what to grow	Certified Crop Advisor
Grow plants to discover new medicines	Plant Breeder and Geneticist
Assist growers with pest control plans	Education and Extension Specialist
Manage and maintain a golf course	Golf Course Superintendent
Grow trees, plants, flowers, and sod	Greenhouse Manager
Make organisms more productive or resistant to disease	Microbiologist

Power, Structural, and Technical Systems

In this pathway, you can . . .	Sample Occupations
Design equipment, machinery, and structures	Agricultural Engineer
Use satellite images to make decisions	Global Positioning System Technician
Design and make precision metal parts	Machinist
Develop and operate recycling equipment	Recycling Technician
Use remote sensing tools to collect data	Remote Sensing Specialist
Build and repair equipment using a welder	Welder

Data Source: 2004-05 Occupational Outlook Handbook, U.S. Department of Labor, Bureau of Labor Statistics

Compiled by: Curtis Shumaker, facilitator of Agriculture, Food & Natural Resources Career Cluster

Activity 1.6

Name _____ Date _____ Hour _____

Career Bingo

Student Materials

Pencil

Directions

Using the list provided by your teacher, fill in the BINGO game board with one career title in each box.

B	I	N	G	O
		Free		

B	I	N	G	O
		Free		

B	I	N	G	O
		Free		

B	I	N	G	O
		Free		

Ag Accountant	Grain Elevator
Ag Engineer	Greenhouse Manager
Ag Lawyer	Horse Trainer
Ag Teacher	Land Surveyor
Agronomist	Landscape Contractor
Aquaculturist	Livestock Production Manager
Auctioneer	Loan Officer
Butcher	Mechanic
Chemical Dealer	Farrier
Crop Duster	Nutritionist
Custom Harvester	Park Ranger
Extension Specialist	Rancher
Farmer Computer	Sheep Shearer
Feedlot	Truck Driver
Floral Designer	USDA Employee
Food Microbiologist	Veterinarian
Food Processor	Welder
Forester	Zoologist
Golf Course Superintendent	

Activity 1.7

Name _____ Date _____ Hour _____

Interest Survey



Student Materials

Pencil

Exercise 1: Career Interests

This activity helps you match your interests with types of careers. For each of the 86 items below, circle the letter of the activity you would rather do. It doesn't matter if you like both of them a lot or dislike both of them a lot; just pick the one you would rather do, and circle that letter.

- | | | |
|--|---|---|
| 1. A. Operate a printing press
B. Study the causes of earthquakes | 14. J. Take care of children
O. Plan special diets | 27. N. Plan estate disbursement
P. Enter data |
| 2. C. Plant and harvest crops
R. Replace car window and fender | 15. A. Choreograph a dance
K. Lobby for a cause | 28. A. Design a book cover
E. Assemble toys following written instructions |
| 3. E. Measure and grade tree logs
F. Run a machine | 16. H. Sell clothes
E. Work with hands | 29. B. Figure out why someone is sick
R. Fly an airplane |
| 4. G. Work in an office
H. Answer customer questions | 17. I. Work at an amusement park
N. Broker insurance | 30. C. Learn how things grow and stay alive
H. Sell cars |
| 5. D. Write reports
J. Help someone just out of prison find a job | 18. I. Learn about ethnic groups
P. Manage a computer information system | 31. I. Work as a restaurant host or hostess
D. Fight fires |
| 6. L. Design a freeway
M. Plan educational lessons | 19. N. Appraise the value of a house
M. File books at the library | 32. G. Keep payroll records for a company
J. Work in a nursing home |
| 7. N. Balance a checkbook
O. Take an X-ray | 20. E. Make three-dimensional items
D. Analyze handwriting | 33. G. Hire new staff
O. Operate ventilators – help people breathe |
| 8. P. Write a computer program
Q. Train animals | 21. B. Design sprinkler systems for a new building
F. Run a factory sewing machine | 34. R. Drive a taxi
A. Be a news broadcaster |
| 9. C. Be in charge of replanting forests
A. Act in television and movies | 22. G. Develop personnel policies
Q. Train racehorses | 35. K. Work for the IRS
B. Sort and date dinosaur bones |
| 10. D. Solve a burglary
F. Check products to make sure they were made right | 23. D. Work as a security guard
H. Work in a department store | 36. O. Give shots
C. Design landscaping |
| 11. E. Build an airport
G. Keep business records for a company | 24. A. Write for a newspaper
G. Use a calculator | 37. P. Provide technical support for computer users
D. Work in a courtroom |
| 12. F. Put small tools together
P. Design a Web site | 25. O. Help people at a mental health clinic
L. Remodel old houses | 38. Q. Care for injured animals
I. Serve meals to customers |
| 13. M. Tutor students
Q. Work at a zoo | 26. M. Care for young children
D. Locate a missing person | 39. L. Build kitchen cabinets
N. Refinance a mortgage |

40. A. Sing in a concert
R. Direct the take-off/landing of planes
41. G. Operate a cash register
B. Collect rocks
42. G. Start own business
L. Draft a blueprint
43. M. Assess student progress
L. Design an airplane
44. O. Wrap a sprained ankle
I. Guide a tour group out of the country
45. P. Work on solving technical problems
J. Be a minister
46. Q. Manage a veterinary clinic
K. Lead others
47. E. Operate heavy equipment
Q. Manage a fish hatchery
48. F. Assemble cars
K. Protect our borders
49. A. Play an instrument
J. Plan activities for adult day care
50. C. Research soybean use in paint
J. Provide consumer information
51. D. Guard money in an armored car
B. Study why people do the things they do
52. E. Fix a television set
M. Be an instructional leader of a school
53. F. Fix controls on a control panel
J. Help a friend with a personal problem
54. C. Oversee a logging crew
B. Study weather conditions
55. R. Pack boxes at a warehouse
A. Teach dancing
56. O. Sterilize surgical instruments
B. Study soil conditions
57. N. Play the stock market
C. Protect the environment
58. M. Grade papers
R. Be a railroad engineer
59. L. Order building supplies
E. Paint motors
60. P. Develop new computer games
H. Buy merchandise for a store
61. K. Work to get someone elected
C. Identify plants in a forest
62. D. Guard inmates in a prison
L. Read blueprints
63. H. Line up concerts for a band
K. Ask people questions for a survey
64. E. Manage a factory
O. Work as a nurse in a hospital
65. A. Paint a portrait
K. Testify before Congress
66. B. Work with a microscope
I. Make tee times at a golf course
67. C. Classify plants
O. Transcribe medical records
68. F. Install rivets
Q. Raise worms
69. N. Balance accounts
M. Develop learning games
70. J. Read to sick people
P. Repair computers
71. F. Compare sizes and shapes of objects
Q. Fish
72. R. Repair bicycles
K. Deliver mail
73. M. Teach Special Education
P. Set up a tracking system for lost packages
74. G. Manage a store
H. Advertise goods and services
75. R. Distribute supplies to dentists
I. Compete in a sports event
76. I. Check guests into a hotel
M. Teach reading to adults
77. L. Follow step-by-step instructions
N. Work at a collection agency
78. O. Deliver babies
H. Persuade people to buy
79. R. Inspect cargo containers
F. Work in a cannery
80. I. Coach a school sports team
P. Set up a Web site
81. Q. Hunt
K. Enlist in a branch of the service
82. H. Sell sporting goods
J. Cut and style hair
83. B. Conduct experiments to find new metals
N. Be a bank teller
84. G. Work with computer programs
N. Loan money
85. L. Hang wallpaper
D. Make an arrest
86. H. Stock shelves
I. Serve drinks at a concession stand

Exercise 2: Career Evaluation

STEP 1:

Go back through Exercise 1 and look at the letters you circled. Count the number of times you circled the letter “A” for your response. Write that number next to the “A” in the table below.

Next, count the number of times you circled the letter “B” for your response. Write that number next to the “B” in the table. Continue counting and recording your responses until you have completed the table.

A		F			
B		G		K	O
C		H		L	P
D		I		M	Q
E		J		N	R
Total	+	Total	+	Total	+
				Total	= 86

STEP 2:

Now write down the two letters with the most responses. These are your top two areas of career interest. (If you have a tie, list three.)

STEP 3:

Read the description of your top area of career interest on the following page. Record your interest and the Career Cluster it is listed under.



Career Interest Areas

Listed below are 16 Career Clusters and the areas of career interest related to each.

Agriculture, Food & Natural Resources

- C. Plants:** Interest in activities involving plants, usually in an outdoor setting.
- Q. Animals:** Interest in activities involving the training, raising, feeding, and caring for animals.

Architecture and Construction

- L. Designing and Building:** Interest in designing, planning, managing, building, and maintaining physical structures.

Arts, A/V Technology and Communications

- A. Artistic:** Interest in creative or performing arts, communication, or A/V technology.

Business, Management and Administration

- G. Business Detail:** Interest in organizing, directing, and evaluating business functions.

Education and Training

- M. Teaching:** Interest in planning, managing, and providing education and training services, including support services, library, and information services.

Finance

- N. Banking, Investments and Insurance:** Interest in financial and investment planning and management and providing banking and insurance services.

Government and Public Administration

- K. Administration:** Interest in performing government functions at the local, state, or federal levels.

Health Science

- O. Care and Prevention:** Interest in helping others by providing diagnostic, therapeutic, informational and environmental services, including researching and developing new health care services.

Hospitality and Tourism

- I.** Interest in helping others with travel planning and hospitality services in hotels, restaurants, and recreational pursuits.

Human Services

- J.** Interest in helping others with their mental, spiritual, social, physical, or career needs.

Information Technology

- P.** Interest in the design, development, support, and management of hardware, software, multimedia, systems integration services, and technical support.

Law, Public Safety, Corrections and Security

- D.** Interest in judicial, legal, and protective services for people and property.

Manufacturing

- E. Mechanical:** Interest in applying mechanical principles to practical situations using machines, hand tools, or techniques.
- F. Industrial:** Interest in repetitive, organized activities in a factory/industrial setting.

Marketing, Sales and Service

- H.** Interest in bringing others to a point of view through personal persuasion, using sales/promotional techniques.

Science, Technology, Engineering and Mathematics

- B.** Interest in discovering, collecting, and analyzing information and applying findings to problems in science, math, and engineering.

Transportation, Distribution and Logistics

- R.** Interest in the movement of people, materials, and goods by road, pipeline, air, railroad, and water.

Adapted from Washington State's "Where are you going? Career Guide" funded through the 1998 Carl D. Perkins Vocational Act.

Activity 1.8

Name _____ Date _____ Hour _____

Double Puzzle

Student Materials

Pencil

Directions

Unscramble each of the clue words. Take the letters that appear in  boxes and unscramble them for the final message.

ERUCRAILUGT

											
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ICGASRINCEE

											
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TLCUSER

							
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PAWHYAT

						
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OSALG

					
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EELOGCL

							
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SJBO

			
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SLLISK

					
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SENRESTIT

								
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GARNINTI

							
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DUEOINACT

									
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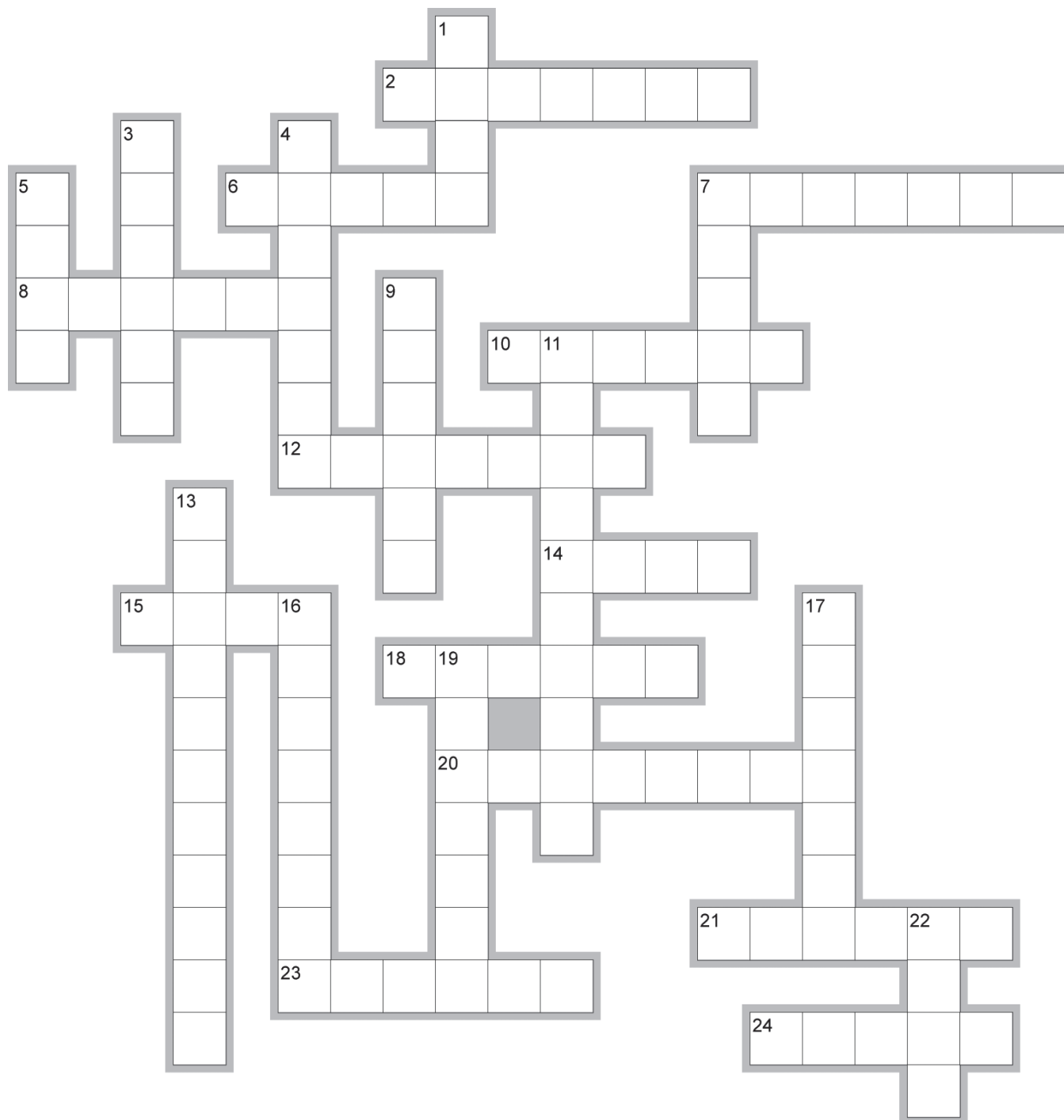
Final Word

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Activity 1.9

Name _____ Date _____ Hour _____

Unit Review Crossword



EclipseCrossword.com

Across

2. The Animal Science pathway includes livestock and ____ management.
6. A graduate degree may take many ____ to obtain.
7. Example of a specific skill
8. When choosing a career path, you can always ____ your plan.
10. A job may have ____ hazards.
12. There are sixteen career ____.
14. Organizing skills include the ability to set-up and keep schedules.
15. Plant and soil sciences have improved ____ management.
18. Occupational information can be found in ____ databases.
20. You should research the education and ____ requirements of a possible career.
21. Interpersonal relations skills include the ability to ____ carefully and attentively.
23. Your ____ and abilities should match the career you choose.
24. Careers in the Agricultural Communications pathway may produce ____ segments.

Down

1. Part-time ____ can give you useful education and skills for a career.
3. Some jobs may require extensive ____.
4. The most significant development in food products and processing has been ____ engineering.
5. The Agribusiness and Management pathway includes the study of ____ and agribusiness management.
7. Careers in the Natural Resources and Environmental Science pathway work to take care of the environment through pollution and ____ control.
9. When deciding career goals you need to define your ____ needs and wants.
11. Agricultural engineering includes work ____ engineering.
13. Term used to describe the application of agricultural principles and new technologies
16. Each career cluster is broken down into career ____.
17. Analyzing skills include developing ____.
19. One career clusters is agriculture, food and ____ resources.
22. Written communications skills include the ability to ____ written material.